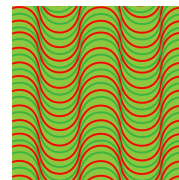


Agenda for Week of April 25, 2011**Classroom Character Theme:** _____**Guiding Questions:**

- 1) What happens when two waves run into each other? (“Interference”)
- 2) How does an ambulance sound when it drives by? Why? (Doppler Effect)



| Date | Learning Goal | Vocabulary | Homework |
|-------------|---|--|--|
| Mon, 4/25 | Review of waves – identify different types of waves and parts of a wave (see vocab →) | Medium Mechanical Wave Electromagnetic wave Transverse wave Longitudinal (compressional) wave Crest Trough Amplitude Wavelength Frequency | Make a T-chart contrasting “Transverse” and “Longitudinal” waves. Define, illustrate, and give at least 2 examples of each |
| Tues, 4/26 | Calculate speed, frequency, wavelengths and period of waves. | Period | Packet: # ____ - ____ |
| Wed, 4/27 | Calculate speed, frequency, wavelengths and period of waves. | Wave equations: speed = frequency = period = wavelength = | Complete packet of practice problems |
| Thurs, 4/28 | Explain “constructive” and “destructive” interference using sentences and pictures. | Constructive interference Destructive interference | Practice problems (worksheet) |
| Fri, 4/29 | Benchmark Review | See agendas for 3 rd marking period | Physical science benchmark: Monday! |

REMINDERS

- 1) Check your grade using the new online system for the class: **www.Engrade.com/student** and use the username and password you chose during class. **Tell your parents that they can register, too!**
- 2) **Be prepared:** Bring your **binder** and **calculator** every day.
- 3) Stay for **tutoring** on Mon and Thurs from 2:45 – 3:30pm.

TWO MONTHS LEFT – SPRINT TO THE FINISH!!

Empower 3000 Log

HOW? Follow these five steps after loggin into www.empower3000.com

- 1) ~~Reply to the email~~
- 2) Read the article
- 3) Complete the “Activity”
- 4) Answer the “Thought Question” using complete sentences
- 5) Vote on the “Poll”

4th Marking Period Empower3000 Articles

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